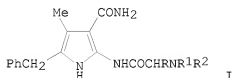


L9 ANSWER 28 OF 38 CAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1981:515179 CAPLUS <<LOGINID::20090520>>
DOCUMENT NUMBER: 95:115179
ORIGINAL REFERENCE NO.: 95:19317a,19320a
TITLE: Synthesis and vasodepressor screen of a series of
2-(2-alkylaminoalkylamido)-3-carbamyl-4-methyl-5-
benzylpyrroles
AUTHOR(S): Wang, L. D.; Sowell, J. W.; Freeman, J. J.; Kosh, J.
W.
CORPORATE SOURCE: Coll. Pharm., Univ. South Carolina, Columbia, SC,
29208, USA
SOURCE: Journal of Pharmaceutical Sciences (1981), 70(6),
699-701
CODEN: JPMSAE; ISSN: 0022-3549
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 95:115179
GI



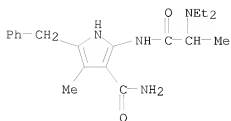
AB A series of 2-(2-alkylaminoalkylamido)-3-carbamyl-4-methyl-5-benzylpyrroles I (R = H, Me; R1 = H, R2 = Bu, PhCH2; R1 = Et, R2 = CH2CH2OH, Et; R1 = Me, R2 = PhCH2; R1R2N = morpholino, piperidino, 4-methylpiperazino) were prepared by treating the corresponding 2-(chloroacetyl) deriv with amines. I administered i.p. as a suspension to approx. the oral route of administration and i.v. when solubilization could be affected with suitable solvents. The most active compound following i.v. or i.p. administration lowered blood pressure 73 and 35.5 mm Hg at doses of 4 mg/kg i.v. and 100 mg/kg i.p., resp. It also exhibited the longest duration of vasodepressor activity (25 min). Several other compds. exhibited vasodepressor activity following i.p. administration. Several hydrochloride salts appeared to be more potent vasoactive agents than the corresponding bases.

IT 78942-53-7P 78942-54-8P 78942-55-9P
78942-56-0P 78942-57-1P 78942-58-2P
78942-59-3P 78942-60-6P 78942-61-7P
78942-62-8P

RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and vasodepressor activity of)

RN 78942-53-7 CAPLUS

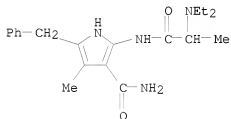
CN 1H-Pyrrole-3-carboxamide, 2-[[2-(diethylamino)-1-oxopropyl]amino]-4-methyl-5-(phenylmethyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

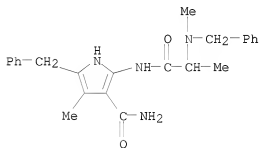
RN 78942-54-8 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[[2-(diethylamino)-1-oxopropyl]amino]-4-methyl-5-(phenylmethyl)- (CA INDEX NAME)



RN 78942-55-9 CAPLUS

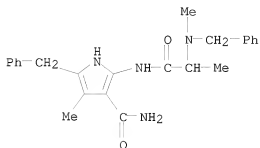
CN 1H-Pyrrole-3-carboxamide, 4-methyl-2-[[2-[methyl(phenylmethyl)amino]-1-oxopropyl]amino]-5-(phenylmethyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

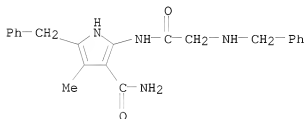
RN 78942-56-0 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 4-methyl-2-[[2-[methyl(phenylmethyl)amino]-1-oxopropyl]amino]-5-(phenylmethyl)- (CA INDEX NAME)



RN 78942-57-1 CAPLUS

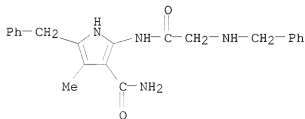
CN 1H-Pyrrole-3-carboxamide, 4-methyl-5-(phenylmethyl)-2-[[2-(phenylmethyl)amino]acetyl]amino]-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

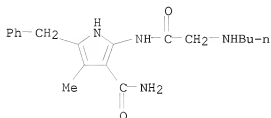
RN 78942-58-2 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 4-methyl-5-(phenylmethyl)-2-[[2-(phenylmethyl)amino]acetyl]amino]- (CA INDEX NAME)



RN 78942-59-3 CAPLUS

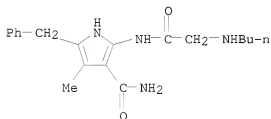
CN 1H-Pyrrole-3-carboxamide, 2-[[2-(butylamino)acetyl]amino]-4-methyl-5-(phenylmethyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

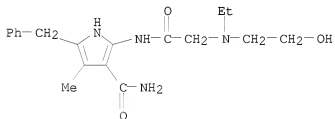
RN 78942-60-6 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[[2-(butylamino)acetyl]amino]-4-methyl-5-(phenylmethyl)- (CA INDEX NAME)



RN 78942-61-7 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[[2-[ethyl(2-hydroxyethyl)amino]acetyl]amino]-4-methyl-5-(phenylmethyl)-, hydrochloride (1:1) (CA INDEX NAME)



● HCl

RN 78942-62-8 CAPLUS

CN 1H-Pyrrole-3-carboxamide, 2-[[2-[ethyl(2-hydroxyethyl)amino]acetyl]amino]-
4-methyl-5-(phenylmethyl)- (CA INDEX NAME)